

REMARKS

The above Amendment and the following remarks are responsive to the Office Action dated October 23, 2003. The Applicant requests entry of this Amendment, favorable reconsideration of this case, and early issuance of a Notice of Allowance.

Information Disclosure Statement

Applicant's respectfully request that the Examiner consider Reference AR listed on the Form PTO-1449 filed on June 27, 2001. All other items listed thereon the Form PTO-1449 have been duly considered.

Status of the Claims

Upon entry of this Amendment, claims 1-85 are pending in the application. Claims 1, 11, 21, 30, 31, 34, 37, 41, 51, 60-63, 74-76, 79 and 82 are independent claims.

Response to Rejections Under 35 U.S.C. §102(e)

Claims 1-85, as amended, remain in the case.

All claims were rejected under 35 U.S.C. §102(e) over Treyz et al. (US 6,587,835), for the reasons stated in the Office action.

Before addressing this ground for rejection, the Applicant would like to draw the Examiner's attention to some of the patentable features of the claimed invention. The basic idea of the claimed invention is to provide a network discovery menu to a user of an arriving wireless device for receiving information of available services/applications in a plurality of ad hoc networks. An important feature of the claimed invention is that it presents information about a plurality of ad hoc networks in the network discovery menu, each of which is available for joining. In accordance with the claimed invention, each of the plural ad hoc networks includes an ad hoc network information provider device. The ad hoc network information provider

device maintains a list of available services of wireless devices in its respective ad hoc network.

This list is updated based on information received from the other wireless devices in its respective ad hoc network. In accordance with the claimed invention, the arriving wireless device establishes a connection with each ad hoc network information provider in each of the plurality of ad hoc networks. During each connection, the arriving device can receive service information associated with the list, describing available services of wireless devices in the respective ad hoc network. The arriving device compiles the service information from each of the plural ad hoc networks into the network discovery menu. The arriving device can optionally sort and rank the service information based on received signal quality from each respective ad hoc network or based on previously defined user preferences. The resulting network discovery menu enables the user of the arriving wireless device to easily select a preferred one of the plural ad hoc networks to join for initiating services or applications of interest.

Turning now to the rejection, the Treyz et al. reference fails to disclose or suggest the Applicant's claimed invention. Treyz, et al. teaches a portable shopping assistant capable of displaying promotional material based on information received from a single network. Treyz et al (US 6,587,835) clearly lacks teaching at least following aspects of the claimed invention:

- 1) Plural ad hoc networks, each with an ad hoc network information provider device: In the claimed invention, each of the plural ad hoc networks includes an ad hoc network information provider device that gathers data about the other wireless devices in its respective network. The arriving device collects the data from each of the plural ad hoc network information providers. In contrast, Treyz et al is directed to describing various services in a single network.
- 2) The arriving device forms the network discovery menu for the plurality of ad hoc networks: In the claimed invention, it is the arriving wireless device that collects a plurality of service descriptions from a plurality of ad hoc networks and forms the network discovery menu. In contrast, Treyz et al teaches a service menu prepared by a single network.

- 3) The network discovery menu is optionally compiled to sort or prioritize the plural ad hoc networks based on predefined user preferences or on the signal quality of each wireless link. In contrast, Treyz et al cannot sort or prioritize plural networks because Treyz, et al. does not disclose plural networks.

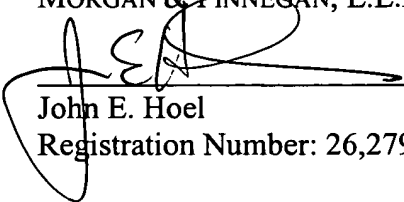
By the above amendment and remarks, the Applicant believes that all of the issues raised by the Examiner have been resolved. Accordingly, the Applicant requests reconsideration and allowance of all claims now in the case.

Application Serial Number: 09-1,382
§1.111 Amendment dated January 15, 2004
Reply to Office Action dated October 23, 2003

AUTHORIZATION

The Commissioner is hereby authorized to charge any additional fees which may be required for timely consideration of this Amendment under 37 C.F.R. §§ 1.16 and 1.17, including any extension of time, or credit any overpayment to Deposit Account No. 13-4500, Order No. 4208-4003.

Respectfully submitted,
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